

SESSION NO: 9

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 11

CHAPTER NAME: THE EARTH AND ITS NEIGHBOURS

SUB TOPIC: LONG Q & A - ANSWER THE FOLLOWING QUESTIONS

CHANGING YOUR TOMORROW

RECAPITULATION

1. Festival marked on the appearance of moon in Islamic calendar. **Eid**
2. Baisakhi marks the season of harvest.
3. Holi marks the coming of spring season.
4. The days of week in Indian calendar are named after the planets.
5. Shanivaar has named after the planet saturn from our solar system.



TICK THE CORRECT ANSWER

1. The sun is a

- a) Constellation b) planet c) star d) satellite

2. This planet was discovered after the invention of the telescope.

- a) Mercury b) Venus c) Mars d) Neptune

3. This is the largest and fastest spinning planet.

- a) Jupiter b) Venus c) Uranus d) Neptune

4. This planet is boiling hot by day and freezing cold at night.

- a) Earth b) Mars c) Mercury d) Neptune

5. This planet has rings which are made up of ice, rocks and dust.

- a) Saturn b) Venus c) Mars d) Uranus

6. This can be active, dormant or extinct.

- a) tsunami b) sun c) volcano d) planet

MATCH THE COLUMNS

- | | |
|---|---|
| 1. Our galaxy | a. Mercury (2) |
| 2. Planet nearest to the sun | b. the innermost portion of the earth(5) |
| 3. Equator | c. natural satellite of the earth (4) |
| 4. Moon | d. solar year (6) |
| 5. Core | e. the milky way (1) |
| 6. Complete revolution of the
earth around the sun | f. imaginary line dividing (3)
the earth in two equal halves |

ANSWER THESE QUESTIONS

1. What is the difference between a star and a planet?

STAR	PLANET
<ul style="list-style-type: none">1. A heavenly body has its own heat and light.2. Stars are incredibly hot having high temperatures3. Stars have a unique effect of twinkling in the sky.4. Stars are bigger in size.5. Stars are of dot- shaped.	<ul style="list-style-type: none">1. A heavenly body with no heat or light of its own.2. Planets, on the other hand, have relatively low temperatures.3. Planets do not have the twinkling effect unlike stars.4. Planets are smaller in size than stars.5. Planets are of spherical in shape.

ANSWER THESE QUESTIONS

2. What do we mean by solar system?

Ans: The sun and the eight planets revolving around it along with their satellites makes up the solar system.

- There are 8 planets in our solar system.
- The solar system is in a galaxy which is known as "the milky way".

3. What is a satellite? Name any two satellites launched by India.

Ans: Satellites are small heavenly bodies that revolves around the planets.

- The moon is a natural satellite of the earth.
- Two satellites launched by India are Aryabhata and Bhaskara Segha -1.

4. How are seasons formed?

Ans: Seasons are formed by :

- The tilt in the earth's axis and
- Revolution of earth on its orbit.

As the Earth orbits the Sun, the amount of sunlight in each location on the planet gets slightly change every day . This change causes the seasons.

SUMMARY

- **Few festivals are like Eid is marked with ‘Depending on the appearance of the moon’.**
- **The axis of the earth is an imaginary line that runs through the center of the earth.**
- **The sun and the eight planets revolving around it along with their satellites make up the solar system.**
- **Satellites are small heavenly bodies that revolve around planets.**

QUIZ TIME!!!

1. _____ are small heavenly bodies that revolve around planets.

Ans: Satellites

2. The largest planet in our solar system.

Ans: Jupiter

3. The weak spots of the earth cracks open under this pressure, letting the hot boiling liquids and gases to gush out.

Ans: Volcano

HOMework

- **Do the crossword puzzle given in page no. 99**

LEARNING OUTCOME

Learner will able to

- **Write short & long questions and answers**

THANKING YOU
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